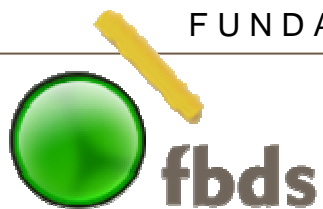

Brazilian Foundation for Sustainable Development – FBDS

Institutional Presentation

FUNDAÇÃO BRASILEIRA PARA O DESENVOLVIMENTO SUSTENTÁVEL



- A Cutting Edge in the Approach to Sustainable Development
- Founder Members
- General Strategic Objectives
- Main Areas, Clients and Partners
 - Carbon Market
 - Energy
 - Water Resources
 - Biodiversity
 - Land Management
 - Corporate Sustainability
- Executives

FBDS – *A Cutting Edge in the Approach to Sustainable Development*

- Created in 1992 to implement the conventions and treaties approved at the Rio'92 Conference, in association with 24 major companies
- Non-profit foundation differentiated by its network with the scientific community, international finance agencies and national corporations
- An entity that considers and structures sustainable development projects thanks to its capacity to integrate the forefront of knowledge with managerial capacity
- Its Board of Trustees – Israel Klabin, Philippe Reichstul, Maria Silvia B. Marques, Thomas Lovejoy, Ambassador Rubens Ricupero and Jerson Kelman – combines solid corporate expertise with strong technical-scientific know-how, adding value to the Foundation's profile and reinforcing its ethical and professional credibility

Our mission

- to promote sustainable development, using technology and science in formulating projects, scientific discussions and capacity building

Our vision


- to be a benchmark institution in the areas of environment and sustainability, acting independently


Our background


- more than 100 successful projects implemented during its 15 years of operation, producing the resources required for the Foundation's sustainability and independence





FBDS – *Founding Members*


 Acesita - Cia. Aços Especiais Itabira


 Aracruz Celulose S.A.


 Brascan Administração e Investimentos Ltda.


 Itochu Brasil S.A.
Imagem Não Disponível


 Companhia do Jari, comprada pelo Grupo Orsa

 Companhia Siderúrgica Belgo-Mineira


 Companhia Siderúrgica Pains, comprada pela Gerdau


 Companhia Suzano de Papel e Celulose


 Companhia Vale do Rio Doce


 Construtora Andrade Gutierrez S.A.

Eximcoop S.A. (Extinta)


 Klabin Fabricadora de Papel e Celulose


 Mannesmann S.A.


 Nissho Iwai do Brasil S.A.


 Nutrimental S.A.


 Petrobrás - Petróleo Brasileiro S.A.

 Realcafé Solúvel do Brasil S.A.


 Ripasa S.A. Papel e Celulose S.A.

 Saint Gobain S.A.

 Shell Brasil S.A.

 Tetra-Pak Ltda.

 Varig S.A.

 Veracruz Florestal Ltda.

 Indústria de Papel Simão, comprada pela Votorantim Celulose e Papel S.A.

FBDS – *General Strategic Objectives*

- To foster scientific learning
- To extend capacity building
- To continue with its support in formulating public policies, with impartiality and independence
- To be recognized by the private sector as a natural channel to promoting sustainable development

FBDS – *Main Activities, Clients and Partners*

1. Global Climate Change (GCC)

- Carbon market
- Energy efficiency and alternative energies
- Applied science

2. Conservation and Sustainable Use of Natural Resources

- Water resources
- Biodiversity
- Applied science

3. Land Management

- Projects based on the multidisciplinary tool

4. Corporate Sustainability

- Raising awareness
- Partnerships with business schools to undertake empirical researches
- Proactive approach towards corporations

Main Clients

- Petrobras, Aracruz, CSN, CESP, Sabesp, Klabin, VCP, Grupo Suzano, Cenibra, AES Tietê, CPFL, Eletrobras, Rhodia, Petroflex

Main Partners

- IMD, INPE, Coppead/UFRJ, IEA/USP, UNICAMP, UERJ, TetraPak, Banco Real, ABRADDEE

Carbon Market – *Combining Environmental Benefits with Business Opportunities*

- The urgent need to mitigate global climate change, due to the accumulation of greenhouse gases in the air, created a new global market: the carbon market
- Companies in developing countries engaged in programs of energy efficiency, renewable energies or reforestation, have the opportunity to attract investments by selling carbon credits to the emitting parties who, compulsorily or willingly, need to reduce their emissions
- Various carbon markets are operating, and it is worth mentioning the European Union market (EU ETS - Emission Trading Scheme), a mandatory instrument based on Kyoto Protocol regulations; and CCX - Chicago Climate Exchange, a voluntary mechanism operating in the USA
- FBDS plays a leading role in the international carbon market, having successfully structured several projects, specially at the CCX

Energy – *Promoting the Use of Cleaner and More Efficient Energies*

- Energy, development and environment are closely interrelated. Our priority is the form and intensity of the use of energy that directly or indirectly minimizes environmental impacts
- Our focus is on developing renewable energy projects and studies, with emphasis on wind energy, biomass, small hydroelectricity plants, solar energy and new energy sources (biodiesel)
- The rational and efficient use of energy should be an objective of corporations and public agencies alike. It promotes preservation of the environment (less pressure on energy supply) and reduces the operational cost
- FBDS can help companies and public agencies in technical and economic studies, environmental and socio-economic impacts of alternative or renewable energies, as well as finding the best way to achieve an efficient use of energy (implementing administrative and energy efficiency programs)

Water Resources – *Restraining Factor for Sustainable Development*

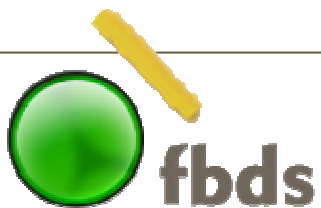
- Water resources are considered the most valuable environmental asset on Earth. Only 0.01% of all existing water is freshwater available for human use. On the other hand, Brazil has around 20% of all the world's drinking water
- Water is becoming a restraining factor in production of goods, with rising prices and increasingly strict requirements in relation to waste treatment and disposal
- It is an element of the utmost importance in planning activities of the productive sector
- FBDS has a vast experience in water resource management projects, including:
 - long term water availability scenarios
 - consumer optimization in industrial facilities
 - aquatic plant development control
 - treatment and monitoring of the quality of industrial and urban waste
 - recovery of water quality in small drainage basins

Biodiversity – *Conservation of Life for Future Generations*

- Global biodiversity is endangered by the loss of habitats, pollution, over exploration of resources and the effects of climate change
- FBDS' strategy is to match conservation with the sustainable use of biodiversity, encouraging companies to take the following actions:
 - Conservation of biodiversity: specific planning for management of land and habitats
 - Sustainable use of biological resources: encouraging sustainable use and looking for certifying sources (e.g., FSC and MSC), increasing competitiveness
 - Studies on the sustainable use of forests, with focus on non-wood forest products
 - Fair distribution of benefits: biodiversity represents major opportunities for closer relations between companies and their stakeholders

Land Management – *Productive Activities Inter-connected with the Socio-Environmental Context*

- Land Management is the most advanced tool for planning and monitoring productive activities, including the environmental, economic and social impacts on its area of influence
- Main product – a geographic information system, including all relevant information about the following media:
 - physical: geology, hydrography, soils, relief, climate, etc.
 - biotic: vegetation, biodiversity, conservation units, etc.
 - anthropic: land use, education, health, productive activities, income, infrastructure, sources of pollution, etc.
- Solutions are available by overlapping different information on the:
 - Operational level: implementation of new units, extensions, relocations, environmental impact monitoring, access to infrastructure, etc.
 - Institutional level: community relations, negotiation of environmental compensation, interaction with government organizations, etc.



Corporate Sustainability – *A New Corporate Agenda*

- The pressure for companies to be involved in seeking groundbreaking solutions, assessing risks and charting opportunities comes from an increasingly organized and demanding civil society
 - Corporate sustainability is based on a new business management model, where operating in social and environmental dimensions, combined with good governance practices, interferes positively in the economic area, adding value to the company
 - The basic premises are as follows: transparency, identifying the key stakeholders, dialogue consistent with stakeholders, reporting to cover the aforementioned dimensions
 - Corporate sustainability is not
 - Welfare
 - Philanthropy
-
- Corporate sustainability does not mean merely complying with legal regulations, but going beyond compliance
 - Adopting the concepts of corporate sustainability is a mid and long term positive commitment
 - FBDS has acted proactively by
 - Furthering knowledge by means of applied research (partnership with CSM/IMD and COPPEAD/ UFRJ)
 - Disseminating the concept
 - Capacity building to help companies add the different dimensions of corporate sustainability to their business

FBDS – *Executives*

Executives

- Israel Klabin ikla@fbds.org.br
- Walfredo Schindler wschindler@fbds.org.br
- Prof. Eneas Salati salati@fbds.org.br
- Clarissa Lins clarissa.lins@fbds.org.br

FBDS-Brazilian Foundation for Sustainable Development
Rua Eng. Álvaro Niemeyer, 76 - São Conrado
22610-180 Rio de Janeiro - RJ
Tel: (21) 3322-4520 - Fax: (21) 3322-5903

www.fbds.org.br

